

in communication, over a wireless data network with the server, and further, wherein the data is associated with the mobile device and is also accessible by a computing device executing a second set of program instructions and coupled to the server through a data network;

receiving the data from the server via the wireless data network, the data presented in a first format interpretable by the first set of program instructions; and displaying the data on the display screen of the mobile device.

33. The method of claim 32, wherein the data is presented in a second format when accessed by the computing device.

34. The method of claim 32, wherein the first format is a first markup language for use with a mobile wireless device operating in the wireless data network.

35. The method of claim 34, wherein the first markup language is Handheld Device Markup Language (HDML).

36. The method of claim 33, wherein the second format is a second markup language for use with a computing device operating in the data network.

37. The method of claim 36, wherein the second markup language is Hypertext Markup Language (HTML).

38. The method of claim 33, wherein the first format is used to display the data on the mobile device and the second format is used to display the data on the computing device.

39. The method of claim 32, wherein the first set of program instructions is included in a first browser program operated in the mobile device.

40. The method of claim 32, wherein the data comprises at least one of (i) an address book entry, (ii) a bookmark to a web site, and (iii) a link to a source of information, and is accessible from the computing device executing the second set of program instructions.

41. The method of claim 32, wherein the data comprises data for configuring or re-configuring a feature of the mobile device.

42. The method of claim 32, wherein the mobile device is a wireless telephone.

43. The method of claim 32, wherein the mobile device includes a processor, and further, wherein the processor controls a telephony function.

44. The method of claim 32, wherein the data comprises a plurality of selectable hyperlinks, with each of the hyperlinks providing access to a resource in the data network, and further, wherein the displaying comprises displaying at least one of the selectable hyperlinks on the display screen of the mobile device using the first set of program instructions.

45. The method of claim 44, further comprising:

C sending a second request from the mobile device to the server by executing the first set of program instructions, the second request acting to fetch information associated with one of the hyperlinks.

46. The method of claim 32, wherein the request comprises an address identifier identifying the server.

47. The method of claim 46, wherein the address identifier is a universal resource locator (URL).

48. (Once Amended) The method of claim 32, wherein the sending a request further comprises:

determining whether a communication session between the mobile device and the server is in existence or is valid, wherein the determining of the communication session further comprises:

creating the communication session between the mobile device and the server if the communication session is not in existence or is not valid;

conducting mutual authentication between the mobile device and the server;

generating session credential information for the communication session, wherein a subsequent communication between the mobile device and the server is encrypted by the session credential information; and

forwarding the session credential information to the server to access the data if the communication session is in existence or is valid.

49-83 Cancelled

84. (Once Amended) A computer readable medium including at least computer program code, executable in a mobile device having a display screen, for accessing data contained in a data network system, said computer readable medium comprising:

computer program code for sending a request over a wireless data network to a server hosting the data, the data being associated with the mobile device and accessible by a computing device coupled to the server through a data network;

CI computer program code for receiving the data from the server via the wireless data network, the data received presented in a first format displayable by the mobile device and presented in a second format when accessed by the computing device; and

computer program code for displaying the data on the display screen of the mobile device.

85. The computer readable medium of claim 84, wherein the first format is a first markup language.

86. The computer readable medium of claim 85, wherein the first markup language is Handheld Device Markup Language (HDML).

87. The computer readable medium of claim 84 wherein the second format is a second markup language.

88. The computer readable medium of claim 87, wherein the second markup language is Hypertext Markup Language (HTML).

89. The computer readable medium of claim 84, wherein the first format is used to display the data on the mobile device and the second format is used to display the data on the computing device.

90. The computer readable medium of claim 84, wherein the data comprises at least one of (i) an address book entry, (ii) a bookmark to a web site, and (iii) a link to a source of information.

91. The computer readable medium of claim 84, wherein the data comprises a plurality of selectable hyperlinks, with each of the hyperlinks providing access to a resource in the data network, and further, wherein the displaying comprises displaying at least one of the selectable hyperlinks on the display screen of the mobile device.

92. The computer readable medium of claim 91, further comprising program code for sending a second request from the mobile device to the server to fetch information associated with one of the hyperlinks.

93. The computer readable medium of claim 84, wherein the request comprises an address identifier identifying the server.

94. The computer readable medium of claim 93, wherein the address identifier is a universal resource locator (URL).

95. (Once Amended) The computer readable medium of claim 84, wherein said computer program code for sending a request comprises:

computer program code for determining whether a communication session between the mobile device and the server exists or is valid, wherein said computer program code for determining whether a communication session exists or is valid further comprises:

computer program code for creating the communication session between the mobile device and the server if the communication session is not in existence or is not valid;

computer program code for conducting mutual authentication between the mobile device and the server; and

computer program code for generating session credential information for the communication session, wherein a subsequent communication between the mobile device and server is encrypted by the session credential information; and

computer program code forwarding the credential information to the server to access the data if the communication session is in existence or is valid.

96. The computer readable medium of claim 84, wherein the data comprises data for configuring or re-configuring a feature of the mobile device.

97. The computer readable medium of claim 84, wherein the mobile device is a wireless telephone.

98. The computer readable medium of claim 84, wherein the mobile device includes a processor, and further, wherein the processor controls a telephony function.

99. (Once Amended) A computer readable medium including at least computer program code executable in a server hosting data, the data accessible by a mobile device executing a first browser and by a computing device executing a second browser, wherein the mobile device is coupled to the server through a wireless network and the computing device is coupled to the server through a data network, said computer readable medium comprising:

computer program code for receiving a request from the mobile device through the wireless network to access the data;

computer program code for retrieving the data; and

computer program code for forwarding the data to the mobile device in a first format displayable on the display screen of the mobile device.

100. (Once Amended) The computer readable medium of claim 99, wherein said computer readable medium further comprises:

computer program code for prompting the computing device for credential information when the computing device attempts to access the data;

computer program code for providing access to the data in a second format after the credential information is verified; and

computer program code for updating the data upon receiving updated information from the computing device.

101. The computer readable medium of claim 100, wherein the first format is used to display the data on the mobile device and the second format is used to display the data on the computing device.

102. The computer readable medium of claim 99, wherein the data comprises data for configuring or re-configuring a feature of the mobile device.

103. The computer readable medium of claim 99, wherein the mobile device is a wireless telephone.

©1 104. The computer readable medium of claim 99, wherein the mobile device includes a processor, and further, wherein the processor controls a telephony function.

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